

20001105.qrp v01_n997.qrl.20001105

Date: Sun, 5 Nov 2000 19:03:06 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1997

QRP-L Digest 1997

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- 1) [83167] Re: Meissner Signal Shifter transmitting PSK31 ?
by "George, W5YR" <w5yr@att.net>
- 2) [83168] Contest CW Trick for computer software
by "Alan Kaul" <alan.kaul@worldnet.att.net>
- 3) [83169] ss contest - Halp!
by hamjoel@juno.com
- 4) [83170] Re: crystal radio help
by "William K. Harding" <k4ahk@ix.netcom.com>
- 5) [83171] CONTEST - SS/Bulls
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- 6) [83172] Re: Meissner Signal Shifter transmitting PSK31 ?
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- 7) [83173] Fox Cub Nov 6(7z)
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- 8) [83174] Re: Meissner Signal Shifter transmitting PSK31 ?
by Charles Kadesch <w3kc@starpower.net>
- 9) [83175] PSK without a computer?
by Nils B Young <rانتinen@juno.com>
- 10) [83176] Re: Meissner Signal Shifter transmitting PSK31 ?
by George F Franklin <w0av@juno.com>
- 11) [83177] Great article on VFO design/Micro Mountaineer for 10 Meters
by "Trevor Jacobs" <fxtech@earthlink.net>
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by Bill Jones <kd7s@psnw.com>
- 13) [83179] PSK: PSK-80 Group Building Project
by wd9eyb@butler.qrp.com
- 14) [83180] OT: Regular Scanner or Ham Receiver?
by Michael Bower <bowerm@ix.netcom.com>
- 15) [83181] 80M activity report- Warbler
by "Dave Benson" <nn1g@earthlink.net>
- 16) [83182] PSK-31 - First QSO is MO to CA
by "David Bixler" <qrp@netins.net>
- 17) [83183] WTB: QRPp
by "Rich/Helene Fowler" <rfowler@concentric.net>
- 18) [83184] SS: Where is Bob?
by "John J. McDonough" <wb8rcr@arrl.net>
- 19) [83185] Re: SS: Where is Bob?

- by Paul Womble <pwomble1@tampabay.rr.com>
- 20) [83186] Re: 30M QRP Freq.
by Steve Yates <aa5tb@yahoo.com>
- 21) [83187] Re: 30M QRP Freq.
by "James Parsons" <res075cz@gte.net>
- 22) [83188] SS -- great time so far
by "David Ek" <ekdave@earthlink.net>
- 23) [83189] Re: My Embarrassment
by aweiss@usd.edu (Ade Weiss W0RSP)
- 24) [83190] Re: Where is Bob?
by "Floyd Smithberg" <flydnq7x@primenet.com>
- 25) [83191] HW-9 Air Variable - HELP!!!
by "Trevor Jacobs" <fxtech@earthlink.net>
- 26) [83192] Re: PSK-31 - First QSO is M0 to CA
by Bill Jones <kd7s@psnw.com>
- 27) [83193] PSK31 QRP Power Level
by "Trevor Jacobs" <fxtech@earthlink.net>
- 28) [83194] 1am..this Bull hitting the hay...
by "K7FD-N7SG" <cqdx@teleport.com>
- 29) [83195] Re: PSK-31 - First QSO is M0 to CA
by "Tony Fishpool" <tony@g4wif.fsnet.co.uk>
- 30) [83196] RE: 1am..this Bull hitting the hay...
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 31) [83197] PSK 807
by John R Kirby <n3aaz-qrp@juno.com>
- 32) [83198] Re: Help! Stuck Slug...
by "Leon Heller" <leon_heller@hotmail.com>
- 33) [83199] RE:PSK 807
by William Mabry <n4qa@juno.com>
- 34) [83200] Invitation 13th HOMEBREW & OLDTIME EQUIPMENT PARTY
by mike.mhe@t-online.de (Michael Haugrund)
- 35) [83201] Antenna: Quarter Wave HT Antenna Info Request
by "Dan W. Dooley" <dandooley@pipeline.com>
- 36) [83202] 2N2/40 Certificate #20 issued
by PDouglas12@aol.com
- 37) [83203] Re: N0RC/7 Sherman, WY for 06-Nov-2000 ARS Spartan Sprint
by "Rod Cerkoney" <n0rc@hotmail.com>
- 38) [83204] Re: Help! Stuck Slug...
by "Karl F. Larsen" <k5di@zianet.com>
- 39) [83205] New articles on QRP-L site
by John Wagner <john@neknetwork.com>
- 40) [83206] PSK: PSK-80 Group Building Project
by wd9eyb@butler.qrp.com
- 41) [83207] Thanks Halp!
by hamjoel@juno.com
- 42) [83208] Re: 80M activity report- Warbler
by Bill Jones <kd7s@psnw.com>
- 43) [83209] Re: 80M activity report- Warbler

by "George, W5YR" <w5yr@att.net>
44) [83210] FOX - Team Results -
by Bruce Rattray <rattray@gpfn.sk.ca>
45) [83211] FS: TenTec Argosy II
by cd25d@rhapsodysails.com (Bill Slater)
46) [83212] RE: 80M activity report- Warbler
by Rich Mulvey <mulveyr@iname.com>
47) [83213] Re: PSK31 QRP Power Level
by Steve Yates <aa5tb@yahoo.com>
48) [83214] Re: MILES/WATT
by "James W. Sample" <samplekj@juno.com>
49) [83215] Is PSK31 data or phone?
by Gwendolyn Patton <wendy_lyn@unforgettable.com>
50) [83216] Re: Is PSK31 data or phone?
by "George, W5YR" <w5yr@att.net>
51) [83217] Re: PSK31 QRP Power Level
by "George, W5YR" <w5yr@att.net>
52) [83218] RE: Is PSK31 data or phone?
by Rich Mulvey <mulveyr@iname.com>
53) [83219] Re: Is PSK31 data or phone?
by "Dave Benson" <nn1g@earthlink.net>
54) [83220] Re: Is PSK31 data or phone?
by "Terres Family" <terresfm@ncia.net>
55) [83221] Re: Is PSK31 data or phone?
by "Mike WA8BXN" <hubby2k@hotmail.com>
56) [83222] Re: 80M activity report- Warbler
by "Cla KA0GKC" <ka0gkc@arrl.net>
57) [83223] PSK Re: 80M activity report
by John R Kirby <n3aaz-qrp@juno.com>
58) [83224] Re: PSK31 QRP Power Level
by "Dan W. Dooley" <dandooley@pipeline.com>
59) [83225] Fox Cub Hunt #5
by Fred Lesnick <flesnick@tbaytel.net>
60) [83226] Logging software
by "Tom Bowman" <tbowman@nbn.net>
61) [83227] PSK Re: 80M activity report -errata-
by John R Kirby <n3aaz-qrp@juno.com>
62) [83228] Re: PSK31 QRP Power Level
by "George, W5YR" <w5yr@att.net>
63) [83229] Re: PSK:More on aligning your Warbler
by "Steven Weber" <kd1jv@moose.ncia.net>
64) [83230] SS and the MS-15
by "Steven Weber" <kd1jv@moose.ncia.net>
65) [83231] WARBLER: Should I "hear" anything
by John Wagner <john@neknetwork.com>
66) [83232] PSK31 Question
by "Gary Evans" <myrthus@email.msn.com>
67) [83233] Re: WARBLER: Should I "hear" anything

by "Mike WA8BXN" <hubby2k@hotmail.com>
68) [83234] Small FM receiver - exciter boards?
by "Coote, Jay" <JCoote@ci.arcadia.ca.us>
69) [83235] Re: WARBLER: Should I "hear" anything
by John Wagner <john@neknetwork.com>
70) [83236] Re: PSK31 Question
by "George, W5YR" <w5yr@att.net>
71) [83237] Gap Eagle DX Antenna
by "W4CDF" <res043pa@gte.net>

Date: Sat, 04 Nov 2000 18:04:22 -0600
From: "George, W5YR" <w5yr@att.net>
To: k5di@zianet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [83167] Re: Meissner Signal Shifter transmitting PSK31 ?
Message-ID: <3A04A406.F7E5CFF5@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Yes, it probably did. The final was an 807 - seems like it had about 400 volts on the plate.

72/73, George W5YR - the Yellow Rose of Texas NETXQRP 6

Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756 PRO #02121 (9/00) Kachina #91900556 (12/99) IC-765 (6/90)

"Karl F. Larsen" wrote:

>
> Don't use that thing at full power Bill. I think the one I had put out 15
> or 20 watts.

Date: Sat, 4 Nov 2000 16:11:57 -0800
From: "Alan Kaul" <alan.kaul@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [83168] Contest CW Trick for computer software
Message-ID: <005301c046bd\$040e8e80\$d90b480c@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If you use a contest logging program (I use CT 8.50) and don't care for its choice of speeds when auto-keying, use a space between letters to slow the speed down to about half. Since the exchange for SS is fairly complex, I set the speed at 22-26 wpm and then program my outgoing exchange message into F2. The extra spaces basically force the program to use the Farnsworth method. The advantage for me is I believe I have fewer repeats!

Alan Kaul, W6RCL, LaCanada, CA
w6rcl@amsat.org , <http://home.att.net/~alan.kaul/index.html>

Date: Sat, 4 Nov 2000 19:58:51 -0500
From: hamjoel@juno.com
To: qrp-1@lehigh.edu
Subject: [83169] ss contest - Halp!
Message-ID: <20001104.195853.-313857.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I went to the arrl url and got the instructions which I found as clear as
bayou water.... hee hee

I am in maine, 5watts, what do I needs to send to the ss peoples????

I can hear lots on 40mtrs and could work a bunch but I don't kneaux the
exchange... can someone help this peaux cajun lad?

kella joel
in maine
freezin and wondering

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<http://dl.www.juno.com/get/tagj>.

Date: Sat, 04 Nov 2000 20:11:07 -0500
From: "William K. Harding" <k4ahk@ix.netcom.com>
To: kc1fb@optonline.net, Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [83170] Re: crystal radio help
Message-ID: <200011050111.UAA12537@granger.mail.mindspring.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Well, I no longer have my red Philmore, but I clearly remember falling asleep at night listening to the Charlotte, NC hams ragchewing on 3825. That was in the mid 40's and I was about ten years old. My mom was scared to death that I would roll over in my sleep and strangle myself to death with the headset cord. (My older sister probably wished I would.) :-)

Bill - K4AHK

>From: "KC1FB" <kc1fb@optonline.net>
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>Subject: Re: crystal radio help
>Date: Sat, Nov 4, 2000, 5:13 PM
>

>George and Jim,
>
>I still have my Philmore. The case is cracked and the coil is nearly worn through, but it still works, and I can still find that one sweet spot on the crystal. It was on this radio with an added one tube battery powered AF amp that I heard our local HAM's talking on 80 meters. One of them mentioned he owned a shop in town and I went over and introduced myself...the rest is history.

>
>Jim Francoeur KC1FB QRP-L #29
>Member of The New England Hunt Club
>Norwalk, CT
>-----Original Message-----
>From: George, W5YR <w5yr@att.net>
>To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
>Date: Saturday, November 04, 2000 1:05 PM
>Subject: Re: crystal radio help
>
>

>Jim, does that bring back memories!

>
>I had a little reddish-colored Philmore just like you described with a pair of Acme headphones. My Dad put up a wire antenna for me and with luck I could always pull in the main two stations from Dallas about 65 air miles away. I was 9 at the time and totally amazed that such a thing would actually work without any "electricity."

>
>My experiments were confined to the electrical side, so I stayed out of the kitchen.

>
>72/73, George W5YR - the Yellow Rose of Texas NETXQRP 6

>Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
>Amateur Radio W5YR, in the 55th year and it just keeps getting better!
>Icom IC-756 PRO #02121 (9/00) Kachina #91900556 (12/99) IC-765 (6/90)
>
>
>James Parsons wrote:
>>
>> George, it was an old Philmore crystal set that got me started in radio
>back
>> in 1938. I was 12 years old. Philmore used to advertise in the back of
>funny
>> books in a Johnson & Johnson (I think) ad.
>
>

Date: Sat, 04 Nov 2000 20:11:50 EST
From: n5ib@juno.com
To: qrp-l@Lehigh.edu
Subject: [83171] CONTEST - SS/Bulls
Message-ID: <20001104.191047.4671.0.N5IB@juno.com>

In two stints of 10 m CQing as a Bull I've netted a grand total of 2 Q's.
Guess this ole antenna won't cut the mustard. But I'll try some more,
starting on each even hour, UTC.

With a few interruptions for food and to watch LSU defeat "Bama in Tiger
Stadium for the first time since I was in the Tiger marching band in '69,
I've managed 50 Q's. Have already worked several Q stations. Many thanks
to KL7Y for a special stand-by for QRPers.

But wait.... it gets ugly now. My sweetie Gloria (WD5CMA) comes strolling
in from the mailbox and confronts me as I'm pounding away on the J-38.
"What's this package that says 'New Jersey QRP Club' on it?" she asks
with a warble in her voice. Oh no, impaled on the horns of a dilemma (a
species, cousin to the nauga, far from endangered) Here's my PSK-80 kit,
there's the solder station, 10 m is hot.

The agony of decision.....sweepstakes.....kit
building.....sweepstakes....kit building. Darn it George, I hate it when
you do this to us.....couldn't you have had the human decency to hang on
to those things a couple days more ?? :^))

Well, sweepstakes wins out for now. Back to the J-38, refueled with a
tall frosty ginger ale.

Jim N5IB

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<http://dl.www.juno.com/get/tagj>.

Date: Sat, 4 Nov 2000 20:39:53 -0500

From: n4qa@juno.com

To: qrp-1@Lehigh.EDU

Subject: [83172] Re: Meissner Signal Shifter transmitting PSK31 ?

Message-ID: <20001104.203954.-119175.1.n4qa@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Good evening, all.

A quote from "Instructions for installation and operation of the Meissner Signal Shifter",
page one.

I. Introduction

A. ... "The power output on all bands is in excess of SIX watts, except for the 10 meter band, which is slightly lower."

Yep, gang, I'll have to detune her a little to stay under 5 watts out :)

73-1,

Bill, N4QA

ps

My Hokies done went and lost to Miami ! :(

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<http://dl.www.juno.com/get/tagj>.

Date: Sat, 04 Nov 2000 20:59:30 -0500

From: Fred Lesnick <flesnick@tbaytel.net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, QRP Canada <qrp-canada@lists.gpfn.sk.ca>

Subject: [83173] Fox Cub Nov 6(7z)
Message-ID: <3A04BF02.9194EFE5@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

This is just the first reminder that I will be the Fox Cub on Monday Nov 6 (Nov 7 @0200z), I will be on 7.143 +/- QRM. I will be running my TS 50 at 5 watts into my vertical.....So look forward to working all of you.

Fred
VE3FAL
Thunder Bay, Ontario

Date: Sat, 04 Nov 2000 22:04:19 -0800
From: Charles Kadesch <w3kc@starpower.net>
To: n4qa@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [83174] Re: Meissner Signal Shifter transmitting PSK31 ?
Message-ID: <3A04F863.A0EA5893@starpower.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bill- interesting idea. I have been thinking about modifying my EX to use a VX0 or a DDS-VFO to improve the frequency stability. I hadn't thought of using it for PSK-31 but mine has the optional FM modulator also - hmmm.

72
Chas W3KC

Date: Sun, 5 Nov 2000 02:14:24 +0000
From: Nils B Young <rantinen@juno.com>
To: QRP-L@lehigh.edu
Subject: [83175] PSK without a computer?
Message-ID: <20001105.021448.-370051.0.rantinen@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Yoldashlar,

I'm sittin' here listenin' to Turkish rock music (which is an experience that you must not avoid) lookin' over the recently arrived QRPP, wherein you can find a lot of good stuff, not the least of which is George Heron's article about a PSK transceiver that don't use no computer.

At least not that you'd recognize.

Funny stuff, 'cause I just wrapped up a Q with WA3WNL on 40m CW (Novice band, since the SS is on [and yes, we both ran about 12 WPM or slower, worst case]). John was saying that he'd just gotten back into ham radio again a couple years ago after 17 years of sittin' it out. He asked me about PSK.

Well, you know me. I had a flirtation with PSK but decided that I gotta make my new radios last at least until the estate auction. So I'm a little reluctant to stuff 'em full of PSK tones just to have a Q. It's nice. It's fun. It's pretty neat way to tie up the computer that your kid wants to play his new DukeNuke'Em shoot-em-up game on. But it sho ain't portable, you know what I mean? Well, ok, it'd be portable if I wanted to spring for a new laptop what had a solar panel on its top & a built in sound card & all that crap.

And then there's George's radio design.

it is me or is there something outrageously perverse about using CW to key in & decode PSK?

T rkiyede saat . . . A little too early in the morning anywhere to even be thinking about this stuff. I might be able to talk one of the profs at work out of his three year old laptop what still has a working sound card built in . . . Or I might find someone nuts enough to build one of George s designs for me . . . like I need another radio.

(I m thinkin of taking pictures of this room so I can knit together a VR tour of the place. Like 360 degrees of this room & the person who can find all 12 radios gets a couple free heat sinks or something. Or they can give me a laptop.)

73

Nils

. . . an no, explaining the two blinking LEDs on the ATU controller don t let you off easy . . . you have to find all twelve radios . . . them s the rules them s.

Nils R. B. Young -- El Gringo Errante -- W8IJN -- The Tagalong Press
<http://www6.50megs.com/w8ijn> -- <http://members.fortunecity.com/nilsbull>
"In MY day you had to FIGHT to have finals! Every DAY was a STRUGGLE!"

Comrade Nikolai

Sergeioovich McTovarishov

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<http://dl.www.juno.com/get/tagj>.

Date: Sat, 4 Nov 2000 20:44:30 -0600

From: George F Franklin <w0av@juno.com>

To: n4qa@juno.com

Cc: qrp-1@Lehigh.EDU

Subject: [83176] Re: Meissner Signal Shifter transmitting PSK31 ?

Message-ID: <20001104.205534.-349593.1.w0av@juno.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hi Bill,

I remember the Meissner Signal Shifter quite well, including the narrow band FM, which worked great.

The problem with using the Shifter for PSK31 is that it will be shifting (drifting) when you don't want to shift. They were infamous for their drifting, but back in the thirties it didn't matter too much, as the receivers weren't much better.

A pal of mine had the deluxe Shifter with the green cow's eye; really uptown.

72/73/74 de George/W0AV

SOC#101

Date: Sat, 4 Nov 2000 18:57:35 -0800

From: "Trevor Jacobs" <fxtech@earthlink.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [83177] Great article on VFO design/Micro Mountaineer for 10 Meters

Message-ID: <014201c046d4\$271b8560\$a3e9b3d1@tjacobs>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hi Everyone,

Tom WA3REY forwarded me this link to a really good article on VFO design. It's definitely worth reading if you are thinking of putting together a VFO.

> Trev,
>
> check this
>
> <http://www.wa3rey.com/stablevf14.htm>
>
>
> Tom, WA3REY
>

Also, I can't say enough about the book "Solid State Design for the Radio Amateur" by Wes Hayward and Doug DeMaw! This book has become my design bible when it comes to analog/RF design, and I'd highly recommend it to any prospective home brewer! You'll get a real education of how things work. Speaking about Wes Hayward, his "Micro Mountaineer" is available from Kanga US. The components for ten meters are also available. This could be a really great little rig! I've been planning on putting one together, but haven't had the time recently with all of the other projects I'm working on. It was featured in the July 2000 issue of QST. So, for all of you guys looking for a small 10 meter rig, here it is. The web address for Kanga US is: <http://www.bright.net/~kanga/kanga/>. The price is like \$60 including shipping with all the parts for 10 meters. I'm going to order one in the next few weeks so that I have a rig to take to Texas with me around X-Mas. After all, 10 meters has been great lately and the dipole is so short! Take care all and have a great weekend!

73
Trev
KG6CYN

Date: Sat, 04 Nov 2000 19:06:18 -0800
From: Bill Jones <kd7s@psnw.com>
To: qrp-l@lehigh.edu
Subject: [83178] PSK:More on aligning your Warbler
Message-ID: <3A04CEAA.CB98E98E@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

A couple days ago I posted instructions on how to use your station transceiver as a signal source to align the PSK-80 Warbler. Steve Weber (whose opinion I value greatly) responded with the following:

One thing to keep in mind is most (if not all) commercial rigs transmit their CW signal 800 Hz lower than the frequency shown on the dial. Not sure why they do this, but it's true of the two commercial rigs I own, an old FT301 and the T-T Scout.

I wanted to see if either my Kenwood TS-570D(G) or my Icom IC-728 did indeed transmit 800 Hz lower than what the digital dial read. I set up DigiPan at 3582 kHz and LSB and set the Kenwood dial to match. Next, I set up the Icom to operate CW at 3581 kHz and keyed the rig into a dummy load. Up came a big trace at 3581 as I expected. Then I set up the Icom to 3582 kHz and LSB. I keyed the Kenwood at 3581 and the trace showed up right at 3581 on the DigiPan display. Just for the fun of it I switched the Kenwood to CW-Reverse. No change. Finally I set up my frequency counter and alternately keyed both rigs into a dummy load. They both read the frequency shown on the dial.

I am reasonably confident that the digital dials on both the Kenwood and Icom read the transmit frequency, not the receive frequency and it's subsequent offset. I am equally confident that using either of these rigs to align the PSK-80 Warbler is valid.

I would like to offer my sincerest thanks to Steve Weber for prompting me to experiment with both my commercial rigs. My experience has been that when Steve posts something to qrp-l, I usually end up learning something. This was no exception.

Bill Jones - KD7S <><
Sanger, California
<http://www.psnw.com/~kd7s/>

Date: Sat, 4 Nov 10 22:42:14 -0500 (GMT+5)
From: wd9eyb@butler.qrp.com
To: qrp-l@lehigh.edu (QRP List)
Subject: [83179] PSK: PSK-80 Group Building Project
Message-ID: <200011050342.WAA24689@butler.qrp.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Well, Pete, WB9FLW, Steve, KB9RQH, and I have had a good day working on our PSK-80 Warbler kits. Well, Pete would if had remembered to bring his with him. This is the first kit ever for Steve and he's doing very well. Except for soldering U1 in upside down. But I think we got it out and back in with out hurting it. My kit is nearly complete except for the torroids and the output transistors. I've been working 8 hours, I'm really pokey at building. Anyway I'm pooped and I'm going to call it a day. I'm sorry if any of you were waiting for me to come on frequency but I won't make it tonight. I will make it tomorrow night. My kit will be finished, the wires will be up, and QSO's will happen. I've got some pictures to post later. So, things are behind but going good.

Later,

Jim, WD9EYB

Date: Sat, 04 Nov 2000 22:50:58 -0500
From: Michael Bower <bowerm@ix.netcom.com>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [83180] OT: Regular Scanner or Ham Receiver?
Message-ID: <3A04D922.FA384947@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Currently RS is selling their top-of-the-line 800 trunking scanner for a great price. But I have a dilemma and I'll take input from this august group.

The RS scanner covers approximately 43MHz and up, AM, FM, including trunking in the 800 MHz range. I am an EMT and was looking for a scanner so that I can monitor more of our frequencies. (I have something called a Minitor that monitors our main frequency but if you have a situation where you have lots of equipment on a call, they switch to another channel (sort of like a private channel but open to the public) to keep the traffic down on the main dispatch channel. We also use another special channel for our direct line to the hospital. All of these channels would be usable on either the RS scanner or the special wide band receivers that I see in the ham catalogs.

If I get a ham scanner, I can supposedly cover the ham bands with AM, FM, SSB (USB, LSB) and CW.

When I asked an EMT friend who is also a ham, he said that the ham scanners just don't cut it for being very useful for listening on the ham bands. So he would go with the RS scanner and not try to "scan" the ham bands.

So here's my choices (both are handhelds):

For about \$300, ham receiver/scanner which covers ham bands plus the bands for my EMT service. Modes would be AM, FM, SSB, CW. But NOT the trunking features. (Many police fire are going to trunking as are we but we will also stay on our older frequencies (43MHz) for at least 3 years.

For about \$200, regular type scanner with 800 MHz trunking but NO ham bands (HF that is).

Any comments on the above or on any of the receivers shown in QST etc would be appreciated. I've checked e-hams but I want your thoughts as well.

Thanks.

Michael N4NMR

--

73 de N4NMR
Michael Bower
Ashburn, VA (near Washington, D.C.)

Date: Sat, 4 Nov 2000 22:46:35 -0800
From: "Dave Benson" <nn1g@earthlink.net>
To: <qrp-1@lehigh.edu>
Cc: <hteller@home.com>
Subject: [83181] 80M activity report- Warbler
Message-ID: <000501c046f4\$4f472100\$d92785ce@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

gang-

(Lest you think the left-coast guys are having all the fun!)

I popped on 80M PSK31 and my CQ was quickly answered by John- N3AAZ, in Centreville, MD. He was running 5W to a G5RV and was putting in a heck of a signal here- 599/100% print. After that QSO, I answered a CQ from Rich-AA2YS in Rochester, NY. He was running his K2 at 5W and a vertical and fairly good copy as well - about 90% . They reported comparable copy on the signal from the Warbler here, and easily worked each other after I bugged out.

As evidence of the solid path I had with N3AAZ, he reported switching a 20 dB attenuator in-line and for quite a while was copying just fine. That's equivalent to dropping the power at my end from 4W to 40 mW!

It was really a blast running into both these fellow QRPers on an otherwise-quiet Saturday night. The 'waterfall' was very quiet until we made a little noise. Thanks, guys- very nice!

73- Dave, NN1G

Date: Sat, 4 Nov 2000 21:58:24 -0600
From: "David Bixler" <qrp@netins.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [83182] PSK-31 - First QSO is MO to CA
Message-ID: <000501c046dc\$b2409420\$090520cf@y3x2b5>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ok Guys:

Doug did it!

Doug Hendricks is responsible for my me getting on PSK-31 for the first time tonight.

I read his posts about how exciting PSK is on 80 meters, so I cobbled up a connection between my old Kenwood and my PC tonight. Guess what? It worked.

My first QSO was with Bill KD7S out in California on 80 meters. Copy was not very solid, but we exchanged callsigns and QTH's OK. That is with me running less than 5 watts.

Second QSO was with AA2YS in Rochester NY. I looked at my wattmeter and it read 1 watt!

Maybe this PSK stuff is OK.

Can someone who knows something about PSK please drop me a note off line cause I have a couple of questions. Not real sure about how to set up the TX levels.

Thanks,

Dave

David Bixler W0CH - VK2IQX
Seneca, Missouri
E-Mail: w0ch@arrl.net
Web Site: www.qsl.net/w0ch

QRP: Little Radios, Big Fun!

Date: Sat, 4 Nov 2000 22:59:45 -0500
From: "Rich/Helene Fowler" <rfowler@concentric.net>
To: qrp-1@LeHigh.EDU
Subject: [83183] WTB: QRPp
Message-ID: <200011050359.WAA25177@cliff.concentric.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

I missed the Spring and Summer QRPp. Does anyone have a copy to sell? If not, I'll just wait until the reprints come out in the spring.

Thanks,
Rich K8MEG

The Spirit himself testifies with our spirit that we are God's children.
Roman 8:16 (NIV)

Date: Sat, 4 Nov 2000 23:01:58 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [83184] SS: Where is Bob?
Message-ID: <001d01c046dd\$26a15d40\$010044c0@baycty1.mi.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I've been playing SS all evening, and I have yet to hear N4BP. Doesn't seem like a contest without him. Usually he's the first in my log!

Not doing that great, but reading through the postings, others are having less luck. Seems like a lot more stations this year with no ears.

72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Sat, 04 Nov 2000 23:08:54 -0500
From: Paul Womble <pwomble1@tampabay.rr.com>
To: wb8rcr@arrl.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [83185] Re: SS: Where is Bob?
Message-ID: <3A04DD56.FC1030D4@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

If you worked NP2B you worked Bob.

73
Paul K4FB

Date: Sat, 4 Nov 2000 20:08:19 -0800 (PST)
From: Steve Yates <aa5tb@yahoo.com>
To: res075cz@gte.net, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [83186] Re: 30M QRP Freq.
Message-ID: <20001105040819.14807.qmail@web3004.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

30m is a QRP band. 10.106MHz is a major DX frequency nowadays so you won't find

too much QRP
there except for maybe the mysterious "beacon of hate". I operate QRP on 30m all
of the time and
there is no QRP calling frequency as far as I can tell but you will find QRP ops
all over the
place. There is no need to be limited to just one frequency.

By the way, someone mentioned that the 38S was set up on 10.116MHz only and that
this created QRP
frequency hangout. This isn't true because the VXO in these little rigs usually
tunes at least
20kHz and there isn't anything special about 10.116MHz in regard to the 38S.

See you on 30m.

=====

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://www.geocities.com/aa5tb>
aa5tb@arrl.net

Do You Yahoo!?
Thousands of Stores. Millions of Products. All in one Place.
<http://shopping.yahoo.com/>

Date: Sat, 4 Nov 2000 22:12:20 -0600
From: "James Parsons" <res075cz@gte.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [83187] Re: 30M QRP Freq.
Message-ID: <01d401c046de\$97ec3e60\$7c640304@dsl.vz.genuity.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I agree there is no need "to be limited to just one frequency". But it is
nice to have a QRP calling frequency where folks of like interest can find
each other.

----- Original Message -----

From: "Steve Yates" <aa5tb@yahoo.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Saturday, November 04, 2000 10:08 PM
Subject: Re: 30M QRP Freq.

> 30m is a QRP band. 10.106MHz is a major DX frequency nowadays so you
won't find too much QRP
> there except for maybe the mysterious "beacon of hate". I operate QRP on
30m all of the time and
> there is no QRP calling frequency as far as I can tell but you will find
QRP ops all over the
> place. There is no need to be limited to just one frequency.
>
> By the way, someone mentioned that the 38S was set up on 10.116MHz only
and that this created QRP
> frequency hangout. This isn't true because the VXO in these little rigs
usually tunes at least
> 20kHz and there isn't anything special about 10.116MHz in regard to the
38S.
>
> See you on 30m.
>
> =====
> 73,
> Steve Yates - AA5TB
> Fort Worth, TX - EM12gs
> <http://www.geocities.com/aa5tb>
> aa5tb@arrl.net
>
> -----
>
> -----
> Do You Yahoo!?
> Thousands of Stores. Millions of Products. All in one Place.
> <http://shopping.yahoo.com/>

Date: Sat, 4 Nov 2000 21:35:14 -0700
From: "David Ek" <ekdave@earthlink.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [83188] SS -- great time so far
Message-ID: <000c01c046e1\$cba2bd80\$0100a8c0@oldman>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Sweepstakes is going better than last year at this station. I'm S&P'ing and getting a rate of about 25/hr, better than previous efforts. This year I'm hunting out the guys calling with no answer rather than trying to bust pileups, and it's paying off. Duh.

The bands seem to be pretty good for the test. I'm not having much trouble working folks and not getting too many requests for repeats. 156 Q's, mostly from 20m, by 0400Z, but I'm done for the night.

73,

Dave AB0GO

Date: Sun, 05 Nov 2000 08:48:58 GMT
From: aweiss@usd.edu (Ade Weiss W0RSP)
To: qrp-l@Lehigh.EDU
Subject: [83189] Re: My Embarrassment
Message-ID: <200011050550.XAA11675@sunburst.usd.edu>

Hey Jim: great story!!! But, a scientist had all the data needed to smell a rat! Everyone BUT a wife who works in a bookstore CAN find the book. So, the professional investigator claims negative results, the amateurs have no problem, it is a book her husband wants very much, and the season is approaching.

But don't worry -- this lapse of sound investigative scientific methodology won't undermine any of our confidence in you when it's about radio!

72, Ade

Date: Sat, 4 Nov 2000 23:37:18 -0700
From: "Floyd Smithberg" <flydnq7x@primenet.com>
To: "QRP-L Message" <qrp-l@Lehigh.edu>, <wb8rcr@arrl.net>
Subject: [83190] Re: Where is Bob?
Message-ID: <003a01c046f3\$0543caa0\$503184ce@primenet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Bob is at NP2B/VI worked him this afternoon on 20M.
Floyd NQ7X Phoenix,AZ ScQRPion DM33uq

----- Original Message -----

From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, November 04, 2000 9:01 PM
Subject: SS: Where is Bob?

> I've been playing SS all evening, and I have yet to hear N4BP. Doesn't
seem
> like a contest without him. Usually he's the first in my log!
>
> Not doing that great, but reading through the postings, others are having
> less luck. Seems like a lot more stations this year with no ears.
>
> 72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>
> didileydadidah QRP-L #1446 Code Warriors #35
>
>
>

Date: Sun, 5 Nov 2000 00:21:46 -0800
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [83191] HW-9 Air Variable - HELP!!!
Message-ID: <000901c04701\$7080c300\$bc12f4d8@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Everyone,

I've got a sick HW-9 that I'm trying to get back to health. This is a rig that I put together back in the early 80's. I lent it to a friend of mine and he did an "alignment" on it! Yea he aligned it all right, by "modifying" the air variable in the VFO! I could have killed him! I won't go into the details, as nothing would come of it. Anyway, since Heathkit is no longer available for spare parts, anyone out there got a line on the VFO cap for the HW-9? I really want to get this rig back into one piece. It's the first rig I ever built from a kit, so it's got sentimental value. Any help would be appreciated. Thanks and take care!

73
Trev
KG6CYN

Date: Sun, 05 Nov 2000 00:41:42 -0800
From: Bill Jones <kd7s@psnw.com>
To: qrp@netins.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [83192] Re: PSK-31 - First QSO is MO to CA
Message-ID: <3A051D46.F5F98A4C@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks to David I now have six states worked with my Warbler. I have been working PSK-31 for almost two years but I have to tell you, I've had more fun this past week with the Warbler than anytime before. Thanks for another stellar QSO, David.

David Bixler wrote:

>
> Ok Guys:
>
> Doug did it!
>
> Doug Hendricks is responsible for my me getting on PSK-31 for the first time
> tonight.
> I read his posts about how exciting PSK is on 80 meters, so I cobbled up a
> connection
> between my old Kenwood and my PC tonight. Guess what? It worked.
>
> My first QSO was with Bill KD7S out in California on 80 meters. Copy was
> not very
> solid, but we exchanged callsigns and QTH's OK. That is with me running
> less than 5
> watts.
>
> Second QSO was with AA2YS in Rochester NY. I looked at my wattmeter and it
> read 1 watt!
>
> Maybe this PSK stuff is OK.
>
> Can someone who knows something about PSK please drop me a note off line
> cause
> I have a couple of questions. Not real sure about how to set up the TX
> levels.
>
> Thanks,
>

> Dave
>
> David Bixler W0CH - VK2IQX
> Seneca, Missouri
> E-Mail: w0ch@arrl.net
> Web Site: www.qsl.net/w0ch
>
> QRP: Little Radios, Big Fun!

--

Bill Jones - KD7S <><
Sanger, California
<http://www.psnw.com/~kd7s/>

Date: Sun, 5 Nov 2000 01:12:49 -0800
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [83193] PSK31 QRP Power Level
Message-ID: <001701c04708\$92360c60\$bc12f4d8@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Quick question. Since PSK31 uses SSB is the QRP threshold 10 watts? Just
curious since I'm building an interface for my IC-718. Thanks

73
Trev
KG6CYN

Date: Sun, 5 Nov 2000 09:28:42 -0800
From: "K7FD-N7SG" <cqdx@teleport.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [83194] 1am..this Bull hitting the hay...
Message-ID: <000801c0474d\$d8d3ffc0\$6b231ad8@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

40m is the bread and butter SS band tonight but I'm too pooped to pop. So off to bed and we'll hit it again tomorrow. Between having the kids down from Portland and dinner out, we sit at 240 q's and 74 sections in the bag. Tomorrow we'll be on the lookout for MAR, NL, PR, and a few others...

ZZZZZzzzz,

John K7Low

PS. VY1JA is calling CQ on 40m now with no takers...

Date: Sun, 5 Nov 2000 10:13:10 -0000
From: "Tony Fishpool" <tony@g4wif.fsnet.co.uk>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [83195] Re: PSK-31 - First QSO is M0 to CA
Message-ID: <008901c04711\$27ef8a80\$2da3883e@p200>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

In my experience, that fellow gets the blame for a lot of things. Watch out if he approaches and says "here's the deal". You just know it's going to cost you money, you are bound to have fun, and that kitchen will have to wait just a little longer to get finished :-)

72/3

Tony - G4WIF

----- Original Message -----

David Bixler wrote:

> Ok Guys:
>
> Doug did it!
>
> Doug Hendricks is responsible for my me getting
> on PSK-31 for the first time tonight.
> I read his posts about how exciting PSK is on 80 meters,
> so I cobbled up a connection
> between my old Kenwood and my PC tonight.
> Guess what? It worked.
<snip>

Date: Sun, 5 Nov 2000 06:27:05 -0500
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "'K7FD-N7SG '" <cqdx@teleport.com>, "'Low Power Amateur Radio Discussion '"
<qrp-1@Lehigh.EDU>
Subject: [83196] RE: 1am..this Bull hitting the hay...
Message-ID: <125490A005E3D3118C9C00805FC743CC015E0A4F@kahless.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Hi, John,

Well, I was a bit delayed getting on -- first QSO on 40 M at about 1000 Z this AM. This is wood splitting weekend, or so my neighbor with the woodsplitter tells me, so I was just too whipped to get on yesterday. When one has 4 cords of firewood to split, the guy with the woodsplitter sets the sked!

I will be on for a couple of hours this AM, and then again starting late afternoon, where I hope to run til close. Look for me on 40 and 15 M, with maybe a bit on 20 M, if I can stand the QRM.

My first CQ on 40 M was answered by a W6, but I agree with the comments of others that there are folks with no ears. I hear plenty of A/B stations working other A/B stations, but they are ignoring my CQs in between the big guns. I know they hear me, but I guess they presume they won't hear me.

So far, only one Q station. :-(Look for my coworker, Brennan, from W4AQL in GA. He has ears and knows how to use them.

Gotta' go up on the roof and improve that antenna this AM, but see you all this afternoon/evening.

73,
Ed Hare, W1RFI

-----Original Message-----

From: K7FD-N7SG
To: Low Power Amateur Radio Discussion
Sent: 11/5/2000 12:28 PM
Subject: 1am..this Bull hitting the hay...

40m is the bread and butter SS band tonight but I'm too pooped to pop.

So
off to bed and we'll hit it again tomorrow. Between having the kids down
from Portland and dinner out, we sit at 240 q's and 74 sections in the
bag.
Tomorrow we'll be on the lookout for MAR, NL, PR, and a few others...

ZZZZZzzzz,

John K7Low

PS. VY1JA is calling CQ on 40m now with no takers...

Date: Sun, 5 Nov 2000 07:00:34 -0500
From: John R Kirby <n3aaz-qrp@juno.com>
To: n4qa@juno.com, qrp-1@Lehigh.EDU
Subject: [83197] PSK 807
Message-ID: <20001105.070044.-163027.0.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

>Re: Meissner Signal Shifter transmitting PSK31 ?
>I would be ecstatic to give an on-air demonstration . . .

Bill,

Fire up the 807,
I'd be proud to have a PSK QSO with you.

Built my first rig from the ARRL HB in the late fifties using a 6AC7 XTAL
OSC and 6L6 final and
then, after several months, converted it to an 807 final (with a pi
network yet). B+ ran around 350V at 50 mA , wow thought I was hot stuff
(17.5 W INPUT, efficiency was maybe 50 - 60% ?), still have the Heath
VTVM I measured it with, but sad, no longer have the transmitter. Sure
was pretty in the dark though.

If you need finals, think I still have a couple (up for grabs), probably
new in the box .

New plus 40 some years, HI HI.
Think I would cook'em for about 24 hours before applying plate Volts.

WOW . . .

enjoyed the memories,
thank you . . .

John
N3AAZ
FM 19 xa

Date: Sun, 05 Nov 2000 13:05:20 GMT
From: "Leon Heller" <leon_heller@hotmail.com>
To: jfarler@mis.net, qrp-1@Lehigh.EDU
Subject: [83198] Re: Help! Stuck Slug...
Message-ID: <F97T1FM1JOMyQ1mLFQG0000a6e8@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

.>band with qrp. Everything seems up to par,
>except that one of the slugs in the receiver
>band-pass filter, L2 to be exact, is stuck
>and won't turn from its original position,
>which appears to be a the top of the can.

Heat often helps. Apply a soldering iron to the slug.

If that doesn't work, you could break up the slug and replace it.

73, Leon

--

Leon Heller, G1HSM Tel: (work): +44 1327 357824 (mobile): +44 79 9098 1221
Email:leon_heller@hotmail.com
<http://www.geocities.com/SiliconValley/Code/1835>
IRISSYS Ltd: <http://www.irisys.co.uk>

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

Share information about yourself, create your own public profile at
<http://profiles.msn.com>.

Date: Sun, 5 Nov 2000 08:15:14 -0500 (EST)
From: William Mabry <n4qa@juno.com>
To: qrp-l@lehigh.edu
Subject: [83199] RE:PSK 807
Message-ID: <386235810.973430114921.JavaMail.root@web345-wra.mail.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi, John.

Thanks for the invite.

While my original offer of an on-air demonstration of the Meissner Signal Shifter was specifically for CW, I will now expand that offer to include operation of the MSS in PSK31 mode.

But, first, I must procure a model FMX phase modulator (or homebrew one... I do have its schematic diagram...) and a xtal whose freq will double into the ~ 3580 kHz PSK31 "band", 'cause that's where I think I'll hang out some, this Winter, and build up some simple interface circuitry etc. Oh, yeah and a xtal for the SP-600-JX-26 rcvr, too... $3580 + 455 \text{ kHz i.f.} = 4035 \text{ kHz xtal}$. In the meantime, I may be found operating the MSS in CW mode most evenings on either 3562 kHz or 7040 kHz (approx freqs... +/- rock error :) plus, I welcome any skeds from persons who would like to hear how a real CW rig sounds :).

Too bad you no longer have the 6AC7 / 807 rig... 2-way CW or PSK31 between our rigs would have been something to behold :)

Stay tuned !

73-1,

Bill, N4QA

Date: Sun, 5 Nov 2000 14:34:10 +0100
From: mike.mhe@t-online.de (Michael Haugrund)
To: hq@arrl.org, peter@barville.freemove.co.uk, lz1fw@nettaxi.com, k1ar@cq-amateur-radio.com, crklub@mbox.vol.cz, g3rjv@gqrp.com, GQRP@onelist.com, hrs@hztk.tel.hr, qrp-l@lehigh.edu, zyg@morsum.demon.co.uk, hqpzk@pzk.org.pl, ve2zp@lynx.ve3jf.ampr.org
Subject: [83200] Invitation 13th HOMEBREW & OLDTIME EQUIPMENT PARTY
Message-ID: <13sPw2-1W9bFoC@fwd02.sul.t-online.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8BIT

Invitation 13th HOT-PARTY

DJ7ST@DB0ABZ.#NDS.DEU.EU

Nov 5th, 2000

The QRP-CONTEST-COMMUNITY
c/o Dr.Hartmut Weber, DJ7ST
Schlesierweg 13
D-38228 SALZGITTER
Germany

The QRP-CONTEST-COMMUNITY (qrpcc) is cordially inviting to the

13th H O M E B R E W & O L D T I M E - E Q U I P M E N T - P A R T Y
(H O T - P A R T Y)

GUESTS : operators of homebrew or more than 25 years old equipment

CLASS A : TX a n d RX are homebrew or older than 25 years

CLASS B : TX o r RX are homebrew or older than 25 years
(A homebrew or oldtime TX or RX may be completed by a modern
commercial RX or TX)

CLASS C : QRP-TX below 10 watts input or 5 watts output,
homebrew or older than 25 years

DATE : 1 9 - N O V - 0 0 (3rd Sunday in November)

QRG : 1300-1500 UTC: 7010-7040 kHz 1500-1700 UTC: 3510-3560 kHz

MODE : Single OP CW, PA input below 100 watts

CALL : "CQ HOT"

EXCHANGE: RST, serial No. (starting from 001 on BOTH bands) /Class
e.g. 579001/A

QSO-POINTS : Class A : with A or C = 3 points, with B = 2 points
Class B : with A or C = 2 points, with B = 1 point
Class C : with A or C = 3 points, with B = 2 points
(No multiplier points)

LOGS: must include a description of the homebrew or oldtime equipment
used (type, vintage). Please also give a short description

(about 40 letters) for publication in the result lists.

DEADLINE: Dec 15th to: Dr.Hartmut Weber, DJ7ST, Schlesierweg 13,
D-38228 SALZGITTER, Germany, or via PR to DJ7ST@DB0ABZ.

Please test your Homebrew or Oldtime Equipment timely to avoid a
'bombshell' during the party (which has happened not only once..., hi).

- - - - -

Here is a proposal for a summary/log sheet:

13th HOMEBREW & OLDTIME - EQUIPMENT - PARTY 19-Nov-2000

Call:..... Class:.....

Name:..... (MyBBS):

Street:.....

Zip-Code: City/Place:.....

Equipment: (please describe the homebrew or oldtime components of your
HOT-Party station by about 40 letters for publication in the result list)

.....

More details, comments:

.....

Signature:.....

UTC	CALL	Sent RST+No.	Rec RST+No	CLASS	PTS
----	-----	-----	-----	----	----
----	-----	-----	-----	----	----

etc.

If you don't know us yet:

The QRP-Contest-Community (qrpsc) is a supra-national network of qrp enthusiasts (at present 170 promoters from 12 nations) pursuing the organization and promotion of QRP Contests since 1992. The qrpsc may be viewed as a support group taking care of the qrp'ers and homebrewers interests in a self-help manner.

- The ORIGINAL-QRP-CONTEST, designed for genuine QRP gear, has been carried out by the qrpsc since 1996.
- The HOMEBREW & OLDTIME-EQUIPMENT-PARTY since 1997 also has been organized by the qrpsc very successfully.
- The QRP-minimal art-SESSION is the youngest qrpsc-event coming into life at Ascension Day, 1st of June, 2000.

The promoters of qrpsc are private persons supporting the idea by personal participation in organizing, log-checking, printing address labels etc. or by sponsoring postage costs. Because of its international design the qrpsc does not seek any affiliation with national ham radio organizations but is open to any friendly cooperation.

Hpe cuagn in HOT-PARTY!

Best 73 de "Hal", Hartmut, DJ7ST

(mailing done by df2ok)

Date: Sun, 5 Nov 2000 08:49:30 -0600
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: "QRP List" <qrp-l@Lehigh.EDU>
Subject: [83201] Antenna: Quarter Wave HT Antenna Info Request
Message-ID: <008701c04737\$9c4ae020\$0100a8c0@dandooley>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I know this is outside the normal interest of this list so, please, reply direct only.

Anyone have any experience building wire 1/4 wave 2 meter HT antennas? Mounted in connector ends? I have questions about measureing SWR of these things.

Dan W. Dooley WB5TKA Bedford, Texas EM12ku
e-mail to: dandooley@pipeline.com

SOC #198, FPQRP # -104

May Goddess love blest ye alle

"Ancient Pistol, I do partly understand your meaning."

Date: Sun, 5 Nov 2000 10:25:42 EST
From: PDouglas12@aol.com
To: QRP-L@lehigh.edu
Subject: [83202] 2N2/40 Certificate #20 issued
Message-ID: <9a.bcda81f.2736d5f6@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Gang,

I thought the gang would be interested to know that there are at least 20 documented 2N2/40 transceivers in existence now. I just issued to Dave Maliniak certificate number 20, and I still have a few blank certificates left--in case you're working on a 2N2/40.

The certificate program was instituted to create a way to confirm that this project was repeatable and workable, resulting in a useful transceiver at the end. We builders have learned that the resulting rig is better than just "useful." It is an excellent performer, quiet and competent on a tough band. And in tribute to Jim Kortege's careful engineering, the project is very reproduceable.

You can still (?) buy the construction book from Paul Harden (see Norcal's website:
<http://www.fix.net/norcal.html>).

I figure I'll do the certificates until I run out of blanks. They'll look a little cheezy on plain paper, so that will be the limiting factor. Want one? Finish your 2N2/40; send me a picture and the call of your first station worked and a SASE envelope big enough to hold an 8 1/2 by 11 certificate without folding it. That's it. If you send a photo, I'll send it back with your certificate. If you send me a digital photo, that'll do, but the SASE is now mandatory. I just don't have time to do your P.O. work for you.

One other comment. I have been a user of this list continuously from nearly the origins. I have life long friends from this list. Don't monkey with it, and be nice to each other. Keep your little fingers off the send button unless it is worth sending to more than two thousand people.

72,

Preston WJ2V

Date: Sun, 5 Nov 2000 08:44:18 -0700
From: "Rod Cerkoney" <n0rc@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, <elecraft@qth.net>
Subject: [83203] Re: N0RC/7 Sherman, WY for 06-Nov-2000 ARS Spartan Sprint
Message-ID: <OE51HfqR77bieLYCT4a00000873@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

SRI Folks:

The WX has turn lousy: snow, cold, windy....for the next 24hrs. So I won't be able to go to WY tomorrow for this ARS Spartan Sprint. Maybe another time.

73, Rod N0RC
Ft Collins CO

----- Original Message -----
From: "Rod Cerkoney" <n0rc@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, October 29, 2000 3:30 PM
Subject: N0RC/7 Sherman, WY for 06-Nov-2000 ARS Spartan Sprint

> Got Wyoming?
>
> WX permitting on Nov 6th, I'll be set up at the AMES Monument, just
> off I-80 between Laramie & Cheyenne, WY.
>
...

Check out the webcam. YUK!

<http://wydotweb.state.wy.us/Docs/Roads/WebCameras/TelephoneCanyon/TelephoneCanyon.html>

Date: Sun, 5 Nov 2000 08:46:32 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Leon Heller <leon_heller@hotmail.com>

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [83204] Re: Help! Stuck Slug...
Message-ID: <Pine.LNX.4.10.10011050845290.1011-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I do the slog loose another way. I put the rig in the freezer for 4-8 hours. Then the slugs run free....

On Sun, 5 Nov 2000, Leon Heller wrote:

> ..>band with qrp. Everything seems up to par,
> >except that one of the slugs in the receiver
> >band-pass filter, L2 to be exact, is stuck
> >and won't turn from its original position,
> >which appears to be a the top of the can.
>
> Heat often helps. Apply a soldering iron to the slug.
>
> If that doesn't work, you could break up the slug and replace it.
>
>
> 73, Leon
> --
> Leon Heller, G1HSM Tel: (work): +44 1327 357824 (mobile): +44 79 9098 1221
> Email:leon_heller@hotmail.com
> <http://www.geocities.com/SiliconValley/Code/1835>
> IRISSYS Ltd: <http://www.irisys.co.uk>
>
>
>
>
>
>
> -----
> Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.
>
> Share information about yourself, create your own public profile at
> <http://profiles.msn.com>.
>
>
>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Sun, 05 Nov 2000 10:51:50 -0500
From: John Wagner <john@neknetwork.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [83205] New articles on QRP-L site
Message-ID: <3A058216.90E9981@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I've uploaded two new articles to the QRP-L web site:

Inexpensive PCB Layout Software - A Review Bill Lazure, W2EB

How to Filter and Sort Messages in Eudora 5.0 - Bruce Grubbs, N7CEE

Both can be found at the QRP-L web site at:
<http://qrp.lehigh.edu/lists/qrp-l/articles.html>

73,

John, KB1ENS
QRP-L WebMaster

Date: Sun, 5 Nov 2000 10:59:41 -0500 (GMT+5)
From: wd9eyb@butler.qrp.com
To: qrp-l@lehigh.edu (QRP List)
Subject: [83206] PSK: PSK-80 Group Building Project
Message-ID: <200011051559.KAA09556@butler.qrp.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Here are some pictures from yesterday's PSK-80 group building session.

First is a picture of Steve, KB9RQH, and Pete, WB9FLW.
<http://butler.qrp.com/~wd9eyb/psk80/rqhflw.jpg>

Next is a picture of me and Steve.
<http://butler.qrp.com/~wd9eyb/psk80/eybrqh.jpg>

Here's a picture of U1 installed on my board.
<http://butler.qrp.com/~wd9eyb/psk80/u1.jpg>

Also visiting the group build session yesterday were Roy, KG9GN,
Ray, K9DUR, and Natilie, K9CAT.

Let me know if you would like to attend the group building sessions.

Well, I need to get busy and finish my kit and get on the air.

CUL,

Jim, WD9EYB

Date: Sun, 5 Nov 2000 11:22:45 -0500
From: hamjoel@juno.com
To: qrp-1@lehigh.edu
Subject: [83207] Thanks Halp!
Message-ID: <20001105.112457.-300655.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I got the info thanks guys...

I made 5 contacts... but forgot to put the time and date... what a mess....

I called one guy about 6 times before I realized I had my k2 set at min rf and in test mode... I tried everything to get him.... zero beat him, the station he answered.... just goes to sheaux... a fool and his mind are usually parted... hee hee...

well guess I might work sum meaux... wonder if my log would help as I don't have the time in it....

kella in maine
confused but happy

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 05 Nov 2000 08:30:56 -0800
From: Bill Jones <kd7s@psnw.com>
To: nn1g@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [83208] Re: 80M activity report- Warbler
Message-ID: <3A058B40.98824192@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dave Benson wrote:

> (Lest you think the left-coast guys are having all the fun!)

Way to go Dave, But where are the guys from the mid west ... and the south for that matter. Are we the only ones having a good time?

It's going to be interesting to see if we get any out-of-staters Sunday night during the West Coast Warblers informal QSO party ... 3580.5 kHz - 7:00 p.m. PST (hint, hint).

--

Bill Jones - KD7S <><
Sanger, California
<http://www.psnw.com/~kd7s/>

Date: Sun, 05 Nov 2000 10:44:04 -0600
From: "George, W5YR" <w5yr@att.net>
To: kd7s@psnw.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [83209] Re: 80M activity report- Warbler
Message-ID: <3A058E54.4A9A73D@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I am located in North Central Texas near Dallas. I have heard no PSK31 activity on 80 meters so far.

72/73, George W5YR - the Yellow Rose of Texas NETXQRP 6

Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756 PRO #02121 (9/00) Kachina #91900556 (12/99) IC-765 (6/90)

Bill Jones wrote:

>

> Dave Benson wrote:
> > (Lest you think the left-coast guys are having all the fun!)
>
> Way to go Dave, But where are the guys from the mid west ... and the
> south for that matter. Are we the only ones having a good time?
>
> It's going to be interesting to see if we get any out-of-staters Sunday
> night during the West Coast Warblers informal QSO party ... 3580.5 kHz
> - 7:00 p.m. PST (hint, hint).

Date: Sun, 5 Nov 2000 11:01:00 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-1@LeHigh.EDU>
Subject: [83210] FOX - Team Results -
Message-ID: <Pine.LNX.3.95.1001105101005.9872A-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

In memory of Joel, K1QM(SK) -

..Hunt #4 - K0EVZ - Doc -

The Raiders of the Lost RF - 6	The Big Dawgs - 14 Clean Sweep
Mary - NA6E	ET - N1FN *
Fred - VE3FAL	Tom - N5TW *
Rob - VE6JAZ	Larry- WJ1R *
Earl - VA6RF *	Bill - K0MP *
Bruce- VE5RC *	Bob - N6WG *

The ScQRPions - 13	The Flying Pigs #1 - 8
Floyd - NQ7X *	Diz - W8DIZ
Brian - K7RE *	Rick - WB6JBM
Conard- WS4S *	Dan - N8IE *
Chuck - K7Q0	Brian- KB9BVN
Bob - NK7M *	Dave - KB5MHS

The Cheeseheads - 18	The Houston Hounds - 17
Brian - AE9K	Bill - K5ZTY *
Jerry - N9AW *	Bill - W5SB *
Rick - NK9G *	Terry- KQ5U * Clean Sweep
Lou - W9XU *	Dan - KK5LD *
Jim - WA9TZE *	Danny- WA5OJE *

The New England Hunt Club - 8

Joel - K1QM(SK)
John - K1JD
Jim - KC1FB *
Aron - N10DL
John - KB1ENS
Seab - AA1MY

The Buffalo Wings - 7

Mark - K2Q0 *
Dave - AA2PF
Howard- K2UD
Bob - K2VNM
Scott - AC3A *

The Flying Pigs#2 - 4

Andy - N8MX
Kent - KB9VZS
Ron - N8VAR *
Kenn - KM7KEN
Andrew - AC7CF

The Cajun Thunder - 7

Joel - KE1LA
John - K5JS
Wayne - K5E0A *
Jim - N5IB
Tom - AC5JH *

The VA Hams + OLW - 1

Mike - KT4FJ
Doug - W4IDW
Skip - K0YWD
John - W4IM
Paul - W2RIA

The Minnesota North Stars - 15

Mert - W0UFO *
Scott- N0AR *
Craig- AA0ZZ
Jim - N0UR *
Pat - K0PC *

The Night Owls - 4

Thom - WI8W
Jim - KJ0C
Ed - N4XY

The Swamp Rats - 12

Paul - K4FB *
Jack - K4BYF
Pete - NV4V
Fred - W2XN
Tom - N1TP *

The Bayou City Brass Pounders - 16

Ed - K5VUU *
Bob - N5ET *
Henry - W5HNS *
OJ - K10J
Bruce - N1LN *

The Fox Terrors - 14

Tim - K50I
Don - K5AAR *
Karl - K5DI
Dave - W0CH *
Doc - K0EVZ *

The Underdogs - 8

Dan - N4ROA *
Roy - AB7CE
Art - KB7WW
Glenn - WA7SPY
Ron - KI0II

The NE-TX Tornados - 12

Bill - K5JHP *
Chuck - W5USJ
Don - K5DW *
George- W5YR
Rich - N5JI *

The Cockroaches - 1

Gary - KM5TY
Dave - N0IT
Rich - K7SZ
Tom - WA1VAI/3
Mike - KD5CMN

The Terminators - 5

Bill - NT1R
Thaire - W2APF
David - K7EL

Ronnie- KE4VPN
John - K7FD/K7LOW *

Bob - N7XY
Anthony- K8ZT *

.please let me know of any corrections I need to apply...thank
you...72 - Bruce(VE5RC+VE5QRP)

Date: Sun, 5 Nov 2000 11:02:17 -0600
From: cd25d@rhapsodysails.com (Bill Slater)
To: "qrp-1" <qrp-1@Lehigh.EDU>
Subject: [83211] FS: TenTec Argosy II
Message-ID: <004701c0474a\$27aee820\$8e76130c@willies>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Great Shape!!! Works well. 5/50 watts out. Includes TenTec PS-225 Power
Supply.
Both units have VERY small scratches, but the front panels are near
mint.....

The power supply was check out and repaired by TenTec in
April...The Tx/Rx was repaired in August and I have the list of everything
they checked.

CW/SSB 80,40,30,20,15,10 Meters
Digital Dispaly
CW Crystal Filter
Narrow & Wide Audio Filter
Noise Blanker
Mic
Manuals incl
Sorry, no trades please.

\$450 + shipping & insurance. Cashiers check or Money Order.

Bill
KD5GCX

Date: Sun, 05 Nov 2000 12:07:56 -0500 (EST)
From: Rich Mulvey <mulveyr@iname.com>
To: qrp-1@lehigh.edu, elecraft@qth.net
Subject: [83212] RE: 80M activity report- Warbler
Message-ID: <XFMail.001105120756.mulveyr@iname.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit
MIME-Version: 1.0

On 05-Nov-00 Dave Benson wrote:

> gang-
>
> (Lest you think the left-coast guys are having all the fun!)
>
> I popped on 80M PSK31 and my CQ was quickly answered by John- N3AAZ, in
> Centreville, MD. He was running 5W to a G5RV and was putting in a heck of a
> signal here- 599/100% print. After that QSO, I answered a CQ from Rich-
> AA2YS in Rochester, NY. He was running his K2 at 5W and a vertical and
> fairly good copy as well - about 90% . They reported comparable copy on
> the signal from the Warbler here, and easily worked each other after I
> bugged out.
>

As I mentioned during the QSO, this was the first evening I had tried 80M PSK. I was quiet surprised at just how well I was getting out (granted, the band was relatively quiet), and with a completely inappropriate vertical. :-)
I was pleased at how well it actually worked.

> It was really a blast running into both these fellow QRPers on an
> otherwise-quiet Saturday night. The 'waterfall' was very quiet until we made
> a little noise. Thanks, guys- very nice!

I certainly would like to see people trying PSK (QRP, of course.) on some bands other than 20M. I've had a couple of contacts on 30M as well, and rumor has it that some people are on 40, although I've never heard any. :-)

The K2 works quite nicely as a PSK rig, especially with the filters cranked

down. As a side note, PSK signals make excellent test cases to ensure that all of your filters are, in fact, centered correctly - if the waterfall trace shifts around when you swap filters, you need to do a little more adjusting.

- Rich

--

Catapultam habeo. Nisi pecuniam omnem mihi dabis, ad caput tuum saxum immane mittam.

Where's Rich? <http://www.findu.com/cgi-bin/find.cgi?aa2ys>

Date: Sun, 5 Nov 2000 09:21:13 -0800 (PST)

From: Steve Yates <aa5tb@yahoo.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [83213] Re: PSK31 QRP Power Level

Message-ID: <20001105172113.2192.qmail@web3002.mail.yahoo.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Hi Trevor and the group,

PSK31 may require most rigs to be in the SSB to operate but PSK31 is not SSB. The end result is just a carrier in which the phase is switched back and forth in relationship to the data. This does create a unique spectrum but it is nothing like a voice SSB transmission. The 10W SSB QRP limit some subscribe to is for PEP (Peak Envelope Power). For PSK31 the PEP is essentially the same as what you get from the transmitted carrier, just like CW. I'm just splitting hairs but I think that you would treat the power levels the same as you would any other digital transmission.

I use a Kenwood TS-130V (factory set to 11W) for PSK31 (and other modes) but I have the internal ALC adjusted so that the PEP for any mode is no greater than 5W. On CW my power output is 5W and on SSB the PEP is limited to 5W. Without doing this it can be difficult to adjust SSB PEP levels down to 5W because most meters simply won't respond fast enough unless you have a

peak reading
meter. Just turning the mic gain down to achieve QRP levels makes it sound like
your just turning
the mic gain down and your Peak power may still be higher then you think. With
the ALC doing the
power limiting I can still use the speech processor if necessary and still have a
loud punch while
knowing that my PEP is 5W or less.

=====

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://www.geocities.com/aa5tb>
aa5tb@arrl.net

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Date: Sun, 5 Nov 2000 10:27:27 -0700
From: "James W. Sample" <samplekj@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [83214] Re: MILES/WATT
Message-ID: <20001105.102730.-1022987.0.samplekj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

TO WHOM IT MAY CONCERN:

Need info for miles/watt award....heard something about 1000 miles/watt.
Is there a certificate? Not really a "paper chaser" but if in the normal
course of operating do something like this would like to have info. Did
have a CW contact with a JA6 in Japan, of course, from my home QTH in
Idaho. Ran 2.5 watts here and there was 4 watts. Figure 2680+ miles per
watt. Tnx.

72 and 73,

Jim W7TF

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 5 Nov 2000 12:31:15 -0500

From: Gwendolyn Patton <wendy_lyn@unforgettable.com>

To: <qrp-1@lehigh.edu>

Subject: [83215] Is PSK31 data or phone?

Message-ID: <200011051733.JAA14681@harrier.prod.itd.earthlink.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

This may be a dumb question, but does PSK31 count as a digital=
mode,
or as a voice mode? I've heard that you can't use it on 30m=
because
it is phone...or is this a gray area because the mode is so new? =

This latest post saying that PSK31 isn't SSB, but is something=
else,
just confuses me more on this point.

--- Gwen

Date: Sun, 05 Nov 2000 11:43:17 -0600

From: "George, W5YR" <w5yr@att.net>

To: wendy_lyn@unforgettable.com

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [83216] Re: Is PSK31 data or phone?

Message-ID: <3A059C35.D3E1C275@att.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

There is no argument here: PSK31 is a digital mode. It *happens* to be
convenient to implement it with an SSB transmitter, but that does not in
any way make it a Voice mode.

A comparison is the use of AFSK to transmit RTTY signals. That also uses
an SSB transmitter, but the output is strictly digital, just like PSK31.

Historically, some commercial transmitters have also used AFSK to generate CW signals in an SSB transmitter. I believe that the Collins S-Line, or perhaps it was the KWM-2, that did it that way.

And your question is not "dumb" . . . <:}

72/73, George W5YR - the Yellow Rose of Texas NETXQRP 6

Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756 PRO #02121 (9/00) Kachina #91900556 (12/99) IC-765 (6/90)

Gwendolyn Patton wrote:

>

> This may be a dumb question, but does PSK31 count as a digital mode,
> or as a voice mode? I've heard that you can't use it on 30m because
> it is phone...or is this a gray area because the mode is so new?
> This latest post saying that PSK31 isn't SSB, but is something else,
> just confuses me more on this point.

Date: Sun, 05 Nov 2000 11:55:23 -0600
From: "George, W5YR" <w5yr@att.net>
To: aa5tb@yahoo.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [83217] Re: PSK31 QRP Power Level
Message-ID: <3A059F0B.94EFCDEE@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

A convenience in setting up a PSK31 transmitter makes use of the fact that the PSK31 IDLE signal is a two-tone signal for which the average power is 50% of the peak power.

If a transmitter is set up for a key-down 5 watt average power output, it is also set up for a peak envelope power of 5 watts.

Now, if a PSK31 IDLE signal is applied to the transmitter *and the waveform is undistorted either in the soundcard or in the transmitter* the r-f output envelope of the transmitter will be a two-tone signal having a peak power of 5 watts and an average power of 2.5 watts.

An average-power reading wattmeter on the transmitter output should show 5 watts in the key-down condition and 2.5 watts in the IDLE condition. As Steve points out, these power levels are difficult to read at these

levels. One "dodge" is to set up the transmitter at a higher power level where fairly accurate power meter readings are available, and then just reduce the overall power output once things are tuned up. Since the transmitter must be linear throughout, this tuning approach is valid.

This peak/average power relationship provides a convenient way to assess distortion when setting up a transmitter. If the ratio of PEP to average power is other than 2:1, then distortion is present in the output signal. Peter Martinez mentions this tuning aid in the Help file of his original PSK31 program.

72/73, George W5YR - the Yellow Rose of Texas NETXQRP 6

Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756 PRO #02121 (9/00) Kachina #91900556 (12/99) IC-765 (6/90)

Steve Yates wrote:

>
> Hi Trevor and the group,
>
> PSK31 may require most rigs to be in the SSB to operate but PSK31 is not SSB.
The end result is
> just a carrier in which the phase is switched back and forth in relationship to
the data. This
> does create a unique spectrum but it is nothing like a voice SSB transmission.
The 10W SSB QRP
> limit some subscribe to is for PEP (Peak Envelope Power). For PSK31 the PEP is
essentially the
> same as what you get from the transmitted carrier, just like CW.

Date: Sun, 05 Nov 2000 12:51:11 -0500 (EST)
From: Rich Mulvey <mulveyr@iname.com>
To: Gwendolyn Patton <wendy_lyn@unforgettable.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [83218] RE: Is PSK31 data or phone?
Message-ID: <XFMail.001105125111.mulveyr@iname.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit
MIME-Version: 1.0

On 05-Nov-00 Gwendolyn Patton wrote:

> This may be a dumb question, but does PSK31 count as a digital mode,
> or as a voice mode? I've heard that you can't use it on 30m because

> it is phone...or is this a gray area because the mode is so new?
> This latest post saying that PSK31 isn't SSB, but is something else,
> just confuses me more on this point.
>
> --- Gwen

Hi Gwen:

It's a digital mode. The particular mechanism used to generate the signal, PSK (Phase Shift Keying) just happens to be possible using standard SSB rigs.

You can certainly use it on 30M - there are a small number of people who are doing so, already. Not enough, in my opinion. :-)

- Rich

--

Catapultam habeo. Nisi pecuniam omnem mihi dabis, ad caput tuum saxum immane mittam.

Where's Rich? <http://www.findu.com/cgi-bin/find.cgi?aa2ys>

Date: Sun, 5 Nov 2000 13:02:13 -0800
From: "Dave Benson" <nn1g@earthlink.net>
To: <wendy_lyn@unforgettable.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [83219] Re: Is PSK31 data or phone?
Message-ID: <007201c0476b\$aaccd91c0\$b024fc9e@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gwen-

It counts as 'digital'- the whole of 30M is allocated to 'CW, RTTY, and Data' modes (per the ARRL's ' FCC Rule Book').

RTTY, for instance, is usually transmitted using an SSB transceiver, but that doesn't make it a 'voice' signal- the use of SSB as opposed to direct frequency-shift keying (FSK) is a matter of choosing a modulation method that most people's transceivers can handle 'off-the-shelf'.

73- Dave, NN1G

-----Original Message-----

From: Gwendolyn Patton <wendy_lyn@unforgettable.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Sunday, November 05, 2000 9:35 AM
Subject: Is PSK31 data or phone?

This may be a dumb question, but does PSK31 count as a digital mode, or as a voice mode? I've heard that you can't use it on 30m because it is phone...or is this a gray area because the mode is so new? This latest post saying that PSK31 isn't SSB, but is something else, just confuses me more on this point.

--- Gwen

Date: Sun, 5 Nov 2000 13:30:36 -0500
From: "Terres Family" <terresfm@ncia.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [83220] Re: Is PSK31 data or phone?
Message-ID: <002d01c04756\$7e9c35a0\$8181f3ce@computer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

hey gwen,

to quote (i am not sure who), well to paraphrase,
i guess;

anyhow,
i may not know how to *define* digital mode
but i know it when i hear it!

and you, mr. psk31, you are no voice mode!!!

hmmmmmm, must be november....

72/73

jerry aa1of
franconia nh

Date: Sun, 05 Nov 2000 18:39:31 GMT
From: "Mike WA8BXN" <hubby2k@hotmail.com>
To: wendy_lyn@unforgettable.com
Cc: qrp-1@Lehigh.EDU
Subject: [83221] Re: Is PSK31 data or phone?
Message-ID: <F22auNjVuMhvqgStMVh00001357@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

It sure isn't voice! If you have a well designd and operating SSB transmitter, and put in a keyed pure sine wave, you get real CW. With what comes out of the sound card, when you feed that into a SSB radio you get true PSK. If you phase modulate a carrier with the audio from the sound card, I don't think you get true PSK, but something more like MCW (a carrier with modulated cw). So don't try those signal shifters that have been discussed in another thread. PSK31 is probably classified as data, and I don't know if its allowed off hand on 30 M. I don't recall hearing any there, but have not looked for it much there either.

73 - Mike WA8BXN

>This may be a dumb question, but does PSK31 count as a digital mode,
>or as a voice mode? I've heard that you can't use it on 30m because
>it is phone...or is this a gray area because the mode is so new?
>This latest post saying that PSK31 isn't SSB, but is something else,
>just confuses me more on this point.

>
>--- Gwen
>
>

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Share information about yourself, create your own public profile at
<http://profiles.msn.com>.

Date: Sun, 5 Nov 2000 12:37:46 -0600
From: "Cla KA0GKC" <ka0gkc@arrl.net>

To: <kd7s@psnw.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [83222] Re: 80M activity report- Warbler
Message-ID: <00aa01c04757\$e65179c0\$02000000a@mcg.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

You got to remember Bill that those at Pacificon got a jump on the rest of us. I mailed my check the same day as the announcement they were available but didn't email George. My check didn't arrive before he left for the west coast get together. The Warblers have just started to arrive to us Midwest builders, just as the Ducks are starting to leave. ;-) I and another MNQRP member just received ours in yesterday's mail. If I can get the bench cleared off today (house projects), I'm building it tonight!

73 de Cla KA0GKC

----- Original Message -----

From: "Bill Jones" <kd7s@psnw.com>

>But where are the guys from the mid west ... and the
> south for that matter. Are we the only ones having a good time?

Date: Sun, 5 Nov 2000 14:24:12 -0500
From: John R Kirby <n3aaz-qrp@juno.com>
To: kd7s@psnw.com, qrp-l@Lehigh.EDU
Subject: [83223] PSK Re: 80M activity report
Message-ID: <20001105.142418.-158725.0.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Tnx to . . .

Dave, NN1G (CT)
Rich, AA2YS (NY)
Steve, K2PTS (IL)
Ken, N9VV (IL)

I had a lot of fun on 80 M PSK . . . FUN ? NO . . . A BLAST ! ! !
Those are 700 miles plus.

Note . . . 3581.5 can be a hand full here some times,
Now THAT IS NOT A COMPLAINT it just opens the door for a HELPFUL HINT
I discovered that . . .

If you "zero beat" 3581.5 your audio filters es FFT don't have to work so hard.

IF I tell DigiPan's >Configure< >Band< > "3581.5" < and do the same with the radio . . .

I can now switch the radio between >LSB< AND >USB< and tune both sides of 3581.5 with no problem.

Note . . .

As long as both PSK stations work PSK (not >B<-psk) neither know the difference.

>It's going to be interesting to see if we get any out-of-staters
>Sunday night during the West Coast Warblers informal QSO party ...
>3580.5 kHz - 7:00 p.m. PST (hint, hint).

Hay guys . . .

Be sure to drag your feet between switch overs to listen for us out of staters . . .

>> (Lest you think the left-coast guys are having all the fun!)
My (N3AAZ-MD-FM 19 xa) log shows . . . WA, OR, AZ (2x BPSK-QRPp), NV, MT, TX, OK and VK.

>From the RIGHT coast,
QRP on the shores of the Chesapeake Bay . . .

:>))

John
N3AAZ
FM 19 xa

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 5 Nov 2000 13:45:31 -0600
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: "QRP List" <qrp-l@Lehigh.EDU>

Subject: [83224] Re: PSK31 QRP Power Level
Message-ID: <013301c04760\$f7d77920\$0100a8c0@dandooley>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

To set my xmtr for PSK31 operation, I set the power level to 5 watts in CW or FM mode (both give the same reading), then running the PSK31 software (DigiPan in my case), I go to Tune mode in the software, and using the Windows controls, set the drive level to give me 2 watts output. With this setting, my idle condition results in approximately 1 watt output.

I've verified the shape of the resulting RF signal on a good scope and it is clean and linear. And of course, the transmitter comp. is turned off. I never see any ALC reading in this condition.

Dan W. Dooley WB5TKA Bedford, Texas EM12ku
e-mail to: dandooley@pipeline.com
SOC #198, FPQRP # -104
May Goddes love blest ye alle
"Ancient Pistol, I do partly understand your meaning."

Date: Sun, 05 Nov 2000 15:00:35 -0500
From: Fred Lesnick <flesnick@tbaytel.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, QRP Canada <qrp-canada@lists.gpfn.sk.ca>
Subject: [83225] Fox Cub Hunt #5
Message-ID: <3A05BC63.F37FB6C7@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Just a reminder that I will be the Fox Cub Nov 7th @ 0200z on 7.143+/- QRM etc...
I will be running my TS 50 @ 5watts and my grnd mounted vertical.
Look forward to working you all.
This is my first kick at the can being a FOX folks so bear with me...
Fred
VE3FAL

Date: Sun, 5 Nov 2000 15:15:24 -0500
From: "Tom Bowman" <tbowman@nbn.net>
To: <QRP-L@lehigh.edu>
Subject: [83226] Logging software
Message-ID: <LPBBKNNCCFBPAKMPADLJMEGEENAA.tbowman@nbn.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm looking for recommendations on logging software:

Looking for something that runs under Win 95/98, is easy _
intuitive _ to use,
meaning, I don't need to look in the book every time I want
to use it.

any ideas?

73,

tom

Tom Bowman, <>< WA3REY, QRP-L 125, PSK-31
Mount Gretna, PA

Date: Sun, 5 Nov 2000 15:22:21 -0500
From: John R Kirby <n3aaz-qrp@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [83227] PSK Re: 80M activity report -errata-
Message-ID: <20001105.152400.-158725.2.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Yes thank you very much, I HAVE been known to muddy the waters . . .

. . . it should have P R I N T E D . . .

**As long as both PSK stations work BPSK (not >Q<-psk)
neither know the difference**

N O T

*As long as both PSK stations work PSK (not >B<-psk)
neither know the difference*

tnx agn :>)

John
N3AAZ
FM 19 xa

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 05 Nov 2000 14:23:34 -0600
From: "George, W5YR" <w5yr@att.net>
To: "Dan W. Dooley" <dandooley@pipeline.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [83228] Re: PSK31 QRP Power Level
Message-ID: <3A05C1C6.D54A66A0@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Right on! <:}

72/73, George W5YR - the Yellow Rose of Texas NETXQRP 6

Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756 PRO #02121 (9/00) Kachina #91900556 (12/99) IC-765 (6/90)

"Dan W. Dooley" wrote:

>
> I set my transmitter power level to 5 watts in CW or FM mode (both give the
> same reading), then running the PSK31 software (DigiPan in my case), I go to
> Tune mode in the software, and using the Windows controls, set the drive
> level to give me 2 watts output. With this setting, my idle condition
> results in approximately 1 watt output.
>
> I've verified the shape of the resulting RF signal on a good scope and it is
> clean and linear. And of course, the transmitter comp. is turned off. I

> never see any ALC reading in this condition.

Date: Sun, 5 Nov 2000 16:06:41 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [83229] Re: PSK:More on aligning your Warbler
Message-ID: <200011052041.PAA22427@wolf.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

> I am reasonably confident that the digital dials on both the Kenwood and
> Icom read the transmit frequency, not the receive frequency and it's

Thanks Bill, for clearing this up.

I guess I should have said **some** not **most** rigs transmit 700-800 Hz
lower than the dial.

Apparently the **smart** uP controled rigs of recent vintage either
show the actual CW Tx frequency or can be set up to do so.

Dumb rigs, which simply have a frequency counter type dial, like
the old FT301 or TT Scout don't indicate the actual CW Tx freq.

If you work close to band edges, be a good idea to know which kind of
rig you got :-)

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Sun, 5 Nov 2000 16:06:41 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [83230] SS and the MS-15
Message-ID: <200011052041.PAA22439@wolf.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

I figured SS would be a good way to test the new MS-15 rig under
contest conditions.

All-in-all, it worked pretty good. The Rx had no trouble separating out all those strong signals. Only made 9 contacts, mainly because I had to search for the few stations that weren't sending way too fast for me. I'm sure I could have worked a lot more if I could handle 35 wpm - I'm only good for a tad over 20 :-). Nearly everyone I called came back on the first call and only the west coast stations needed any repeats. Antenna was just a 40 M dipole about 20 ft high at the center. The ends drop down to almost the ground. Power was set to 4 watts.

BTW, I understand the "A", "B" and "Q" but what about the one's sending "U"?

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Sun, 05 Nov 2000 16:55:16 -0500
From: John Wagner <john@neknetwork.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [83231] WARBLER: Should I "hear" anything
Message-ID: <3A05D744.1E0D7DF7@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Howdy,

I've just completed melting together my NN1G/NJQRP Warbler.

I don't have a male BNC plug, nor do I have the two stereo plug/cords or the 9 pin serial cord handy - have to pick 'em tomorrow.

I'm just trying to figure out if the thing works at all. I've added power and plugged in a stereo headset into J1 - I don't hear anything. When I power up/down I do hear a click in the headphones. I've hung a long wire stuffed into the antenna in hopes of hearing something to confirm the receiver is working. I sent a few dits from my big rig into a dummy load and still couldn't hear anything.

I'm also unclear which is the audio output from the warbler; I tried both J1 and J2 - no sound from either.

Another thing I'm unclear on is whether or not I got Q1 and Q7 installed correctly - the "painted side" is in the smaller edge and I'm assuming that goes towards the rounded part drawn on the circuit board.

So anyway, how do I confirm it's working - and if it's not, where do I start looking for the problem?

Thanks in advance es 73,

John, KB1ENS

--

John Wagner - john@neknetwork.com

Web page: <http://www.neknetwork.com>

Personal Web page: <http://www.together.net/~jwag>

Date: Sun, 5 Nov 2000 13:21:56 -0800
From: "Gary Evans" <myrthus@email.msn.com>
To: "QRP-L Discussion" <qrp-l@Lehigh.EDU>
Subject: [83232] PSK31 Question
Message-ID: <001d01c0476e\$6d63b700\$a49c393f@default>

Remember, there are no dumb questions! I'm waiting for the Warbler kit to arrive and wonder if the DigiPan software alone can be used to monitor the activity. Thanks...Gary

Date: Sun, 05 Nov 2000 21:54:29 GMT
From: "Mike WA8BXN" <hubby2k@hotmail.com>
To: john@neknetwork.com
Cc: qrp-l@Lehigh.EDU
Subject: [83233] Re: WARBLER: Should I "hear" anything
Message-ID: <F192tox7nyeKzGZuNY1000037e0@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Audio comes out of the radio on J1 and goes in on J2. The level is not high enough to drive stereo headphones, maybe a crystal earphone. Best to amplify it some. I am going to play around with the second half of U3 and see if it can bring the level up to drive phones for monitoring. Also going to add a T/R bicolor LED. I'll post info when I get the details worked out.

73 - Mike WA8BXN

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<http://profiles.msn.com>.

Date: Sun, 5 Nov 2000 14:22:08 -0800
From: "Coote, Jay" <JCoote@ci.arcadia.ca.us>
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>
Subject: [83234] Small FM receiver - exciter boards?
Message-ID: <131CE266CAD0D211B3550008C7C9A2D5321695@arcadia-pd1.arcadiapd.com>
MIME-Version: 1.0
Content-Type: text/plain

I am looking for sources for kit or ready-to-enclose FM receiver and
low-powered exciter boards
for 50-144-223-430-900 MHz. Synth or xtal, but have to be small and on a
QRP/P power budget.

Thanks,
Jay Coote
W6CJ

Date: Sun, 05 Nov 2000 18:40:01 -0500
From: John Wagner <john@neknetwork.com>
To: Mike WA8BXN <hubby2k@hotmail.com>
Cc: qrp-1@Lehigh.EDU
Subject: [83235] Re: WARBLER: Should I "hear" anything
Message-ID: <3A05EFD1.C83BE150@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks Mike.

I also heard from Dave Benson NN1G with essentially the same answer.

I plugged the output of J1 into the mic input of my laptop and did
indeed see a nice waterfall. I also copied part of a CQ from N2L0 - copy
was pretty bad, so the call might be wrong - but it looks like it's
working. I also sent a few dits to a dummy load from my big rig and saw
them on the display.

Off to RS tomorrow for the connectors! Thanks folks, 73,

John, KB1ENS

Mike WA8BXN wrote:

>

> Audio comes out of the radio on J1 and goes in on J2. The level is not high
> enough to drive stereo headphones, maybe a crystal earphone. Best to amplify
> it some. I am going to play around with the second half of U3 and see if it
> can bring the level up to drive phones for monitoring. Also going to add a
> T/R bicolor LED. I'll post info when I get the details worked out.

>

> 73 - Mike WA8BXN

>

>

> -----
> Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

>

> Share information about yourself, create your own public profile at
> <http://profiles.msn.com>.

--

John Wagner - john@neknetwork.com

Web page: <http://www.neknetwork.com>

Personal Web page: <http://www.together.net/~jwag>

Date: Sun, 05 Nov 2000 16:52:43 -0600

From: "George, W5YR" <w5yr@att.net>

To: myrthus@email.msn.com

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [83236] Re: PSK31 Question

Message-ID: <3A05E4BB.96D2E8B0@att.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

DigiPan is all you need both to operate PSK31 and to monitor. Just
connect a shielded audio cable from your receiver speaker or phones
output to the mic or line input of your soundcard.

72/73, George W5YR - the Yellow Rose of Texas NETXQRP 6

Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373

Amateur Radio W5YR, in the 55th year and it just keeps getting better!

Icom IC-756 PRO #02121 (9/00) Kachina #91900556 (12/99) IC-765 (6/90)

Gary Evans wrote:

>

> Remember, there are no dumb questions! I'm waiting for the Warbler kit to
> arrive and wonder if the DigiPan software alone can be used to monitor the
> activity. Thanks...Gary

Date: Sun, 5 Nov 2000 18:26:48 -0500
From: "W4CDF" <res043pa@gte.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [83237] Gap Eagle DX Antenna
Message-ID: <001e01c0477f\$e34bfac0\$4cf3183f@h7g8b2>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello All,

Was wondering if anyone on the list has ever
used one of these antennas. What is your thoughts?

Was it good or bad and how was its construction.

Thanks in advance,

Charlie

The Only Difference Between Me And a Mad Man Is,
<< I'm Not Mad ! >>

W4CDF QRP-L 1752
Charles D. Feigley Sr. SOC-394
1516 Toledo St. FPqrp-157
Holiday, Florida
34690-5854
EL88PE

End of QRP-L Digest 1997

